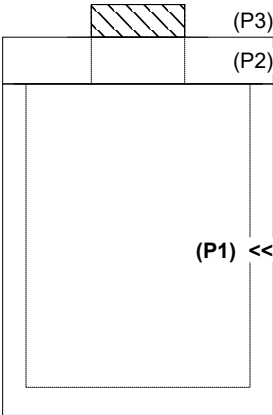
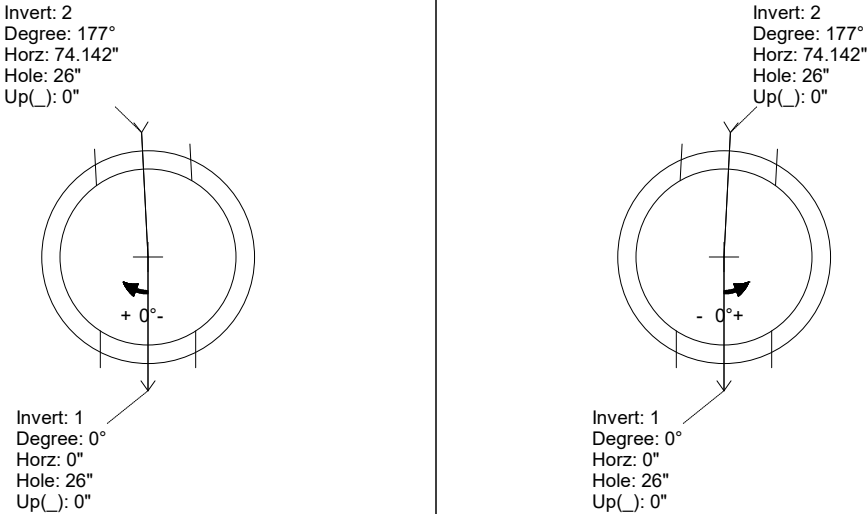
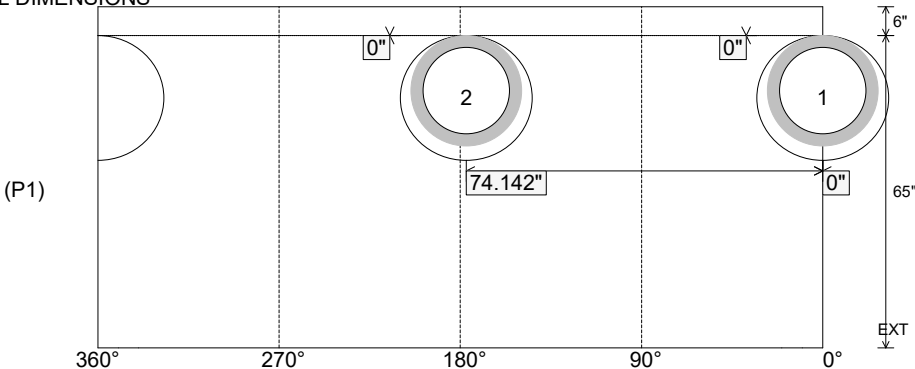
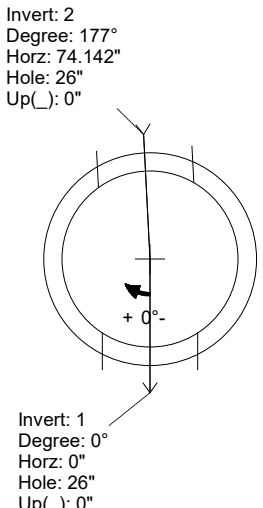


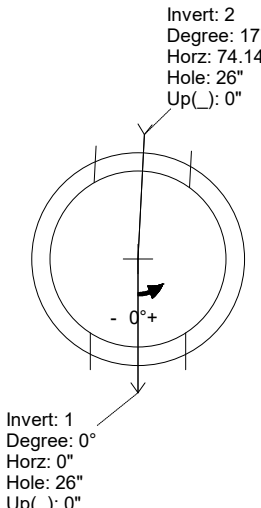
Job Name: 25-1401 Irwin Landing Ph. 1 Job Location: Murfreesboro, TN Contractor: Bear Construction LLC					Plant: Beaver Dam 6/9/2026 10:36:54 AM		Tech: S. Felletter PC: Erica Bradley				
Structure ID: R5A											
P1		MH048BAVF									
P3) 20" x 34" - CASTING HEIGHT - 7" P2) 48" - MH FLAT TOP - TDOT NO 10 (20"x34" Hole) F/F - 10" P1) 48" - MH BASE Custom Ht F/n - 65" 1) 48" - STORM INVERT CHANNEL - 1/4 HEIGHT 1) CASTING - JBS 3123 MODIFIED SET 1) 48" - SGL 1"x14.5' Butyl (2x) 2) Hole - 26						0 lb 1646 lb 5405 lb 1075 lb 250 lb 0 lb 0 lb ----- Structure Total: 8376 lb		Structure Notes: 1. PER TDOT D-CB-10RA / ASTM C913 SPEC'S. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO INVERT CHANNEL. 4. CASTING BY ICAST (JBS-3123 MOD SET). REINFORCING PER ASTM A615 (GRADE 60). ** PER TDOT STD DRAWING D-CB-10RA ** - TOP SLAB - DBL MAT #5 BARS. - RISER (As .24) - FLOOR (As .62) #5 BARS AT 6" C.C.E.W.			
Rim: 570.3'		Rim to Invert: 6.63'		Slack: 0.06"		Sump: 2.5"		Step Position:			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	563.67'	0°	0"	18" RCP B WALL	23"	Hole 26	26"	27.476"	0"	0"	
Invert 2	563.67'	177°	89.588"	18" RCP B WALL	23"	Hole 26	26"	27.476"	0"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											
RIGHT-SIDE UP VIEW (int. dimensions)						UPSIDE-DOWN VIEW (int. dimensions)					
											
INSIDE WALL DIMENSIONS											
Coating (Int): Coating (Ext):			Seam Up: Flat Seam Dn: n/a		Wall Thickness: 5" Floor Height: 6"		Height (Int): 65" Height (Ext): 71"		Weight (Net): 5405 lb Volume (Net): 1.38cu.yd		

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Invert 4											
Invert 5											
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Invert 7											
Invert 8											

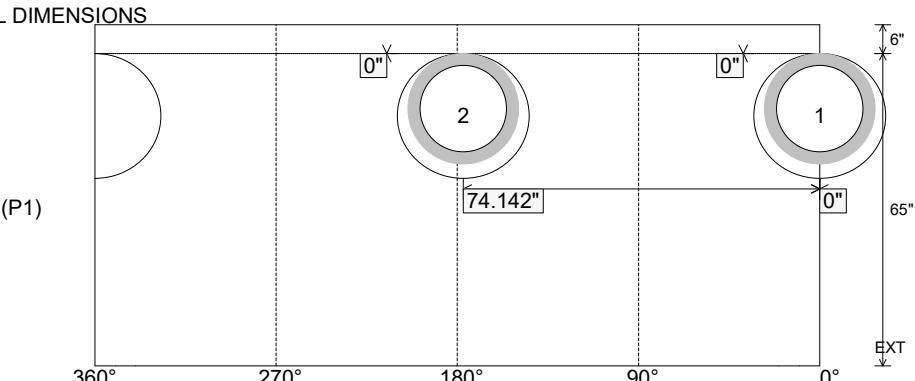
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 65" Height (Ext): 71"	Weight (Net): 5405 lb Volume (Net): 1.38cu.yd
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